
Device for examining filled containers by means of
X-rays and use of this device

ABSTRACT

The device for examining filled containers (10) for foreign bodies (26), such as glass splinters, has a transport apparatus (16) by means of which the containers (10) are transported individually in succession in a row on a plane of transport, as well as an X-ray source (18) for emitting an X-ray (24) in a predetermined direction and an apparatus (20, 22) for recording the X-rays (24) after they have passed through the containers (10). The direction in which the X-rays (24) are emitted from the X-ray source (18) is inclined by between 10° and 60° to the plane of transport. Two X-ray sources (18) can be provided, namely one arranged above and one below the plane of transport. The device is suitable in particular for examining filled containers (10) for foreign bodies, the X-ray source (18) being positioned such that the ray course is approximately tangential to the maximum slope of the bulge of the container bottom.

(Fig. 3)